



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBT18540-3
Job Sheet 189451



Part No: RBT18540-3

Job Qty: 5 pcs

Part Name: Pin (Modified B/O)



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/24/19

Job Tracking No:

Due Date: 2/8/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBT18540 Rev 3 IPP Rev A 18.03.19 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Conventional Lathe - 1	5 pcs	2/8/19		0.00	2.50	Conventional Lathe - 1		
							Conventional Lathe - 2		
120	QC 2	5 pcs	2/8/19		0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 38		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 54		
							QC 2 - 56		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S152288



Part: RBT18540-3

Job No: 189451

Serial No/Batch: S152288

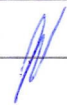
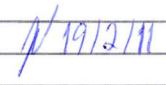
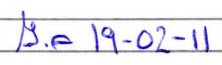
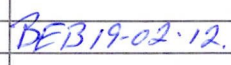
Revision: 3

Inspector:

Exp Date:

Instructions:

Date: 02/11/19

130	Conventional Mill - 1 - B4B	5 pcs	2/8/19	0.00 1.25	QC 2 - 8	
					Conventional Mill - 1 - B4B	
140	QC 2	5 pcs	2/8/19	0.00 0.00	Conventional Mill - 2 - B4B	
					QC 2 - 1	
					QC 2 - 12	
					QC 2 - 14	
					QC 2 - 17	
					QC 2 - 19	
					QC 2 - 2	
					QC 2 - 20	
					QC 2 - 22	
					QC 2 - 23	
					QC 2 - 25	
					QC 2 - 32	
					QC 2 - 33	
					QC 2 - 35	
					QC 2 - 38	
					QC 2 - 39	
					QC 2 - 4	
					QC 2 - 40	
					QC 2 - 44	
					QC 2 - 45	
					QC 2 - 48	
					QC 2 - 49	
					QC 2 - 50	
					QC 2 - 51	
					QC 2 - 52	
					QC 2 - 54	
					QC 2 - 56	
					QC 2 - 57	
					QC 2 - 62	
					QC 2 - 63	
					QC 2 - 8	
150	QC 8	5 pcs	2/8/19	0.00 0.00	QC 8 - 12	
					QC 8 - 14	
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 38	
					QC 8 - 39	
					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	
					QC 8 - 58	
					QC 8 - 8	
					QC 8 - 9	
					QC 8 - 68	
					QC 8 - 67	
					QC 8 - 1 (A)	
160	Handfinish -7-1-BeadBlast-B4B	5 pcs	2/8/19	0.00 0.50	QC 8 - 8	
					Handfinish - 7 - 1 - B4B	
170	QC 5	5 pcs	2/8/19	0.00 0.00	Handfinish - 7 - 2 - B4B	
					QC 5 - 10	

				QC 5 - 12	
				QC 5 - 17	
				QC 5 - 18	
				QC 5 - 19	
				QC 5 - 22	
				QC 5 - 24	
				QC 5 - 3	
				QC 5 - 38	
				QC 5 - 42	
				QC 5 - 43	
				QC 5 - 49	
				QC 5 - 51	
				QC 5 - 58	
				QC 5 - 68	
				QC 5 - 9	
				QC 5 - 50	
				QC 5 - 30	
180	Outsource - 3 - Cadplate	5 pcs	2/8/19	0.00 0.00	
190	Packaging 2-1 - Receive - B4B	5 pcs	2/8/19	0.00 0.00	
				Packaging 2 - 1 - B4B	
				Packaging 2 - 2 - B4B	
				Packaging 2 - 3 - B4B	
				Packaging 2 - 5 - B4B	
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
200	QC 6	5 pcs	2/8/19	0.00 0.00	
				QC 6 - 38	
				QC 6 - 42	
				QC 6 - 9	
				QC 6 - 68	

6219-02-12

DP FEB 20 2019

DAS
FEB 20 2019 68
9 22

				QC 6 - 61		
210	Packaging 3-1 - Stock - B4B	5 pcs	2/8/19	0.00 0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	DAS
					Packaging 3 - 6 - B4B	28
					Packaging 3 - 7 - B4B	9-89
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	DAS
					Packaging 3 - 36 - B4B	21
220	QC 21 - SA	5 pcs	2/8/19	0.00 0.00	QC 21 - SA - 21	8-89
					QC 21 - SA - 70	
Part Op 110 - (Manufacture as per dwg) 1-Machine as per DWG. 2-Deburr						
Descriptions: 120 - (QC2- Inspect parts off machine FAI/FAIB)						
130 - (Manufacture as per dwg) 1-Machine as per DWG. 2-Deburr						
140 - (QC2- Inspect parts off machine FAI/FAIB)						
150 - (QC8- Inspect parts - second check)						
160 - Bead blast remove black phosphate finish.						
170 - (QC5- Inspect part completeness to step on W/O)						
180 - (Outsource process-Cadplate per QSI017 4.1.9.1) -Issue P/O to Groupe Altech: P/O 042577-Cadmium						
plating, QQ-P-416F TYPE II, CLASS II -Color: Yellow -Certificate of Conformity is required						
190 - (Receive & Inspect for Damage & Mat'l Certs)						
200 - (QC6- All purchased or subcontracted products)						
210 - (Identify as per dwg & Stock Location:_____)						
220 - (QC21- Final Inspection - Work Order Release)						
FEB 21 2019						
Job BOM						
Part / Item	Component Name	Quantity	Operation	Container		
92316A729	Pin 1/2-13 Unc X 4 Gr. 8 - Steel	5 Ea (1 ea)	110-Conventional Lathe - 1	S150666		
				GA070		
Job Allocations						
Operation	Component Part	Required	Inventory	Allocated		
110-Conventional Lathe - 1	92316A729	5	0	0		

Part Specifications
Specifications could not be found.

Plex 1/30/19 4:32 PM Dart.Hadley.Shannon



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RBT18540-3
Job Sheet 189451



Part No: RBT18540-3

Job Qty: 5 ea

Part Name: Pin (Modified B/O)



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/24/19

Job Tracking No:

Due Date: 2/8/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBT18540 Rev 3 IPP Rev A 18.03.19 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	5 Ea		2/8/19	0.00	0.00	Start Up Machining-3		
110	Lathe Conv	5 pcs		2/8/19	0.00	2.50	Conv-1 Lathe		
120	QC	5 pcs		2/8/19	0.00	0.00	QC2 Machining-4		
130	Mill Conv	5 pcs		2/8/19	0.00	1.25	Conv Mill 1		
140	QC	5 pcs		2/8/19	0.00	0.00	QC2 Machining-4		
150	QC	5 pcs		2/8/19	0.00	0.00	QC8 Machining-4		
160	HandFinish	5 pcs		2/8/19	0.00	0.50	HandFinish7		
170	QC	5 pcs		2/8/19	0.00	0.00	QC5		
180	Outsource	5 pcs		2/8/19					
190	Packaging	5 pcs		2/8/19					
200	QC	5 pcs		2/8/19					
210	Packaging	5 pcs		2/8/19					
220	QC21-SA	5 Ea		2/8/19					

Part Op 110 - 1-Machine as per DWG. 2-Debu
Descriptions: 130 - 1-Machine as per DWG. 2-Debu
160 - Bead blast remove black phosph
180 - -Issue P/O to Groupe Altech: P/C
Certificate of Conformity is required

10 pcs

-416F TYPE II, CLASS II -Color; Yellow -

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
92316A729	Pin 1/2-13 Unc X 4 Gr. 8 - Steel	5 (1 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	92316A729	5	0	0

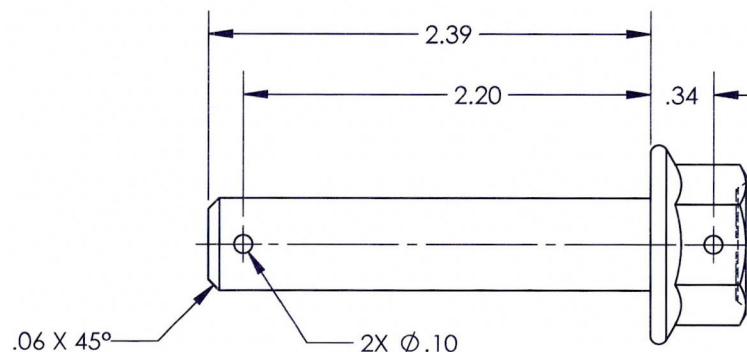
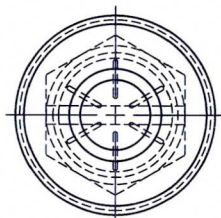
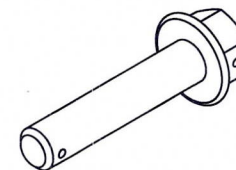
Part Specifications

Specifications could not be found.

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REVISIONS				DATE	INITIAL	APPROVED
REV	ECR	DESCRIPTION				

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 189457 mcs
190124



(-3)

PIN

DART AEROSPACE	
TITLE LONG RANGER LIFTING EYE	
DWG NO. TBT18540-3	REV 3
MAT'L STEEL, GR. 8	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH CAD PLATE YELLOW
.X ± .1	SPEC QQ-P-416, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 206L
SCALE 1:2	DATE 10/22/2010 SHEET 3 OF 3

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO042577



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: PO042577
PO Date: 2/12/19
Due Date: 2/18/19
**Purchase Order
Revision:**
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 60
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	189451	RBT18540-3	Pin (Modified B/O) (Outsource process-Cadplate per QSI017 4.1.9.1) -Issue P/O to Groupe Altech: P/O -Cadmium plating, QQ-P-416F TYPE II, CLASS II -Color; Yellow -Certificate of Conformity is required	Firmed -		2/18/19	5 pcs	0 pcs	5 pcs	\$35.00/pcs	\$175.00

Line Item Note ASAP :(

Grand Total: \$175.00



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Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042577



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

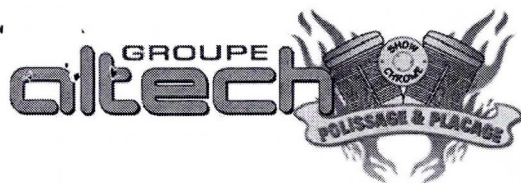
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

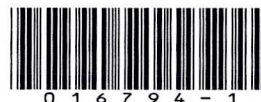
A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 2/13/19 8:20 AM dart.tsimiklis.chrisoula



Certificat de Conformité / Certificate of Compliance



2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

016794- 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
18-Feb-2019		SPARTAKOS BOUNTOURIS		042577				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	RBT18540-3 Rev.	RBT18540-3 01 -CAD YELLOW 500 [CADMIUM YELLOW 500] QQ-P-416F TYPE 2 CLASS 2	CADMIUM CH	5	5	0	0	0

Notes Additionnelles / Additional Notes

box

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.